

INTELLECTUAL PROPERTY OFFICE  
MINISTRY OF ECONOMIC AFFAIRS  
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Certificate

The Patent entitled : Digital subscriber line (DSL) based home gateway  
has been granted according to the Patent Law of the Republic of China.

The followings are the relevant references:

Patentee(s): AEPTEC MICROSYSTEMS, INC.

Inventor(s): WANG, RAY  
CHEN, STEVEN C.

Patent Number : Invention No. 145071

Term of Patent : From Nov. 11, 2001 to May 11, 2020

This certificate is only for general reference, when legal matter is  
involved, the original Chinese document shall be referred.

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Director General  
Date: May, 29, 2008